

IDS

Electronic Information Disclosure Statement



#6
IDS
J. McMillan
9/29/02

SIDEWALLS AS SEMICONDUCTOR ETCH STOP AND DIFFUSION BARRIER

Application:



09/982855

Confirmation:

7689

Applicant(s):

Richard Metzler /

Docket Number:

005802.P018X

Group Art Unit:

Examiner:

Huynh, Yennhu B.

search string:

(4403396 or 4508579 or 5081509 or 5340757 or 5357131).pn.

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TECHNOLOGY CENTER 2800

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
MS	P01	4403396	1983-09-13		Stein		
MS	P02	4508579	1985-04-02		Goth, et al.		
MS	P03	5081509	1992-01-14		Kozaka, et al.		
MS	P04	5340757	1994-08-23		Chantre, et al.		
MS	P05	5357131	1994-10-18		Sunami, et al.		


Remarks

(Remarks are not for responding to an office action.)

Applicants, in accordance with their duty of disclosure under 37 CFR §1.56 and in accordance with

37 CFR §1.97(b)(3), hereby submit this Electronic Information Disclosure Statement citing U.S. Patent Documents for consideration by the Examiner. Pursuant to 37 CFR 1.97, the submission of this Electronic Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability. This Information Disclosure Statement is being filed prior to a substantive examination of the claims. Pursuant to 37 CFR §1.97(b), no fee should be required for the filing of this Information Disclosure Statement. In the event it is determined that a fee is due, please charge the fee to Deposit Account 02-2666. Applicants respectfully requests that the cited documents be considered and that the form be initialed by the Examiner to indicate such consideration and a copy thereof be returned to Applicants' attorney of record.

Signature

Examiner Name	Date
	12/10/03

MAR 15 2002

PTO/SB/08A (08-00)

Approved for release through 10/31/2002. OMB 0651-0031
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)**Complete if Known**

Sheet	1	of	6	Application Number	09/982,855
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Filing Date	October 22, 2001
First Named Inventor	Richard A. Metzler
Group Art Unit	2814
Examiner Name	Unassigned
Attorney Docket Number	5802P018X

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	2,444,255		Hewlett	06-27-1948	
	AB	3,295,030		Allison	12-27-1966	
	AC	3,407,343		Fang	10-22-1968	
	AD	3,427,708		Schütze et al.	02-18-1969	
	AE	3,458,798		Fang et al.	07-29-1969	
	AF	3,566,215		Heywang	02-23-1971	
	AG	3,586,925		Collard	06-22-1971	
	AH	3,617,824		Shinoda et al.	11-02-1971	
	AI	3,619,737		Chiu	11-09-1971	
	AJ	3,749,987		Anantha	07-31-1973	
	AK	3,769,109		MacRae et al.	10-30-1973	
	AL	3,864,819		Ying	02-11-1975	
	AM	3,935,586		Landheer et al.	01-27-1976	
	AN	3,943,547		Nagano et al.	03-09-1976	
	AO	3,988,765		Pikor	10-26-1976	
	AP	4,019,248		Black	04-26-1977	
	AQ	4,045,250		Dingwall	08-30-1977	
	AR	4,099,260		Lynes et al.	07-04-1978	
	AS	4,104,086		Bondur et al.	08-01-1978	
	AT	4,138,280		Rodov	02-06-1979	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1 ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
	AU	DE	32 19 888	A1	Deutsche ITT Ind.	01-12-1983		
	AV	JP	61-156882		Toshiba Corp	07-16-1986		
	AW	JP	63-054762		Hitachi Ltd.	03-09-1988		
	AX	JP	63-205927		Matsushita Electronics	08-25-1988		
	AY	JP	5-109883		Nippondenso Co. Ltd.	04-30-1993		
	AZ	DE	196 05 633	A1	Samsung Electronics	12-12-1996		
	BA	WO	98/33218		Luminous Intent, Inc.	07-30-1998		

Examiner Signature		Date Considered	12/10/03	COPY OF PAPERS ORIGINALLY FILED
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Substitution for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/982,855
				Filing Date	October 22, 2001
				First Named Inventor	Richard A. Metzler
				Group Art Unit	2814
				Examiner Name	Unassigned
Sheet	2	of	6	Attorney Docket Number	5802P018X

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		Number	Kind Code ² (if known)			
yjb	BB	4,139,880		Ulmer et al.	02-13-1979	
	BC	4,139,935		Bertin et al.	02-20-1979	
	BD	4,140,560		Rodov	02-20-1979	
	BE	4,153,904		Tasch, Jr. et al.	05-08-1979	
	BF	4,246,502		Kubinec	01-20-1981	
	BG	4,318,751		Hornig	03-09-1982	
	BH	4,330,384		Okudaira et al.	05-18-1982	
	BI	4,340,900		Goronkin	07-20-1982	
	BJ	4,372,034		Bohr	02-08-1983	
	BK	4,423,456		Zaidenweber	12-27-1983	
	BL	4,533,988		Daly et al.	08-06-1985	
	BM	4,534,826		Goth et al.	08-13-1985	
	BN	4,579,626		Wallace	04-01-1986	
	BO	4,586,075		Schwenk et al.	04-29-1986	
	BP	4,638,551		Einthoven	01-27-1987	
	BQ	4,666,556		Fulton et al.	05-19-1987	
	wsh	BR	4,672,736		Westermeyer	06-16-1987
BS		4,672,738		Stengl et al.	06-16-1987	
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BU		4,739,386		Tanizawa	04-19-1988	

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		Number	Kind Code ² (if known)			
JH	BV	4,742,377		Einthoven	05-03-1988	
	BW	4,745,395		Robinson	05-17-1988	
	BX	4,757,031		Kuhnert et al.	07-12-1988	
	BY	4,774,560		Coe	09-27-1988	
	BZ	4,777,580		Bingham	10-11-1988	
	CA	4,808,542		Reichert et al.	02-28-1989	
	CB	4,811,065		Cogan	03-07-1989	
	CC	4,822,757		Sadamori	04-18-1989	
	CD	4,857,985		Miller	08-15-1989	
	CE	4,875,151		Ellsworth et al.	10-17-1989	
	CF	4,900,692		Robinson	02-13-1990	
	CG	4,903,189		Ngo et al.	02-20-1990	
	CH	4,927,772		Arthur et al.	05-22-1990	
	CI	4,974,050		Fuchs	11-27-1990	
	CJ	5,038,266		Callen et al.	08-06-1991	
	CK	5,047,355		Huber et al.	09-10-1991	
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	CN	5,109,256		De Long	04-28-1992	
	CO	5,132,749		Nishibavashi et al.	07-21-1992	

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Sheet	4	of	6
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Complete if Known

Application Number	09/982,855
Filing Date	October 22, 2001
First Named Inventor	Richard A. Metzler
Group Art Unit	2814
Examiner Name	Unassigned
Attorney Docket Number	5802P018X

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		Number	Kind Code ² (if known)			
JMK	CP	5,144,547		Masamoto	09-01-1992	
	CQ	5,184,198		Bartur	02-02-1993	
	CR	5,225,376		Feaver et al.	07-06-1993	
	CS	5,258,640		Hsieh et al.	11-02-1993	
	CT	5,268,833		Axer	12-07-1993	
	CU	5,296,406		Readdie et al.	03-22-1994	
	CV	5,349,230		Shigekane	09-20-1994	
	CW	5,365,102		Mehrotra et al.	11-15-1994	
	CX	5,396,087		Baliga	03-07-1995	
	CY	5,426,325		Chang et al.	06-20-1995	
JMK	CZ	5,430,323		Yamazaki et al.	07-04-1995	
	DA	5,469,103		Shigekane	11-21-1995	
	DB	5,475,245		Kudo et al.	12-12-1995	
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	DD	5,479,626		Bindloss et al.	12-26-1995	
	DE	5,506,421		Palmour	04-09-1996	
	DF	5,510,641		Yee et al.	04-23-1996	
	DG	5,536,676		Cheng et al.	07-16-1996	
	DH	5,780,324		Tokura et al.	07-14-1998	
	DI	5,818,084		Williams et al.	10-06-1998	

FOREIGN PATENT DOCUMENTS

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12/10/02

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				Application Number	09/982,855
				Filing Date	October 22, 2001
				First Named Inventor	Richard A. Metzler
				Group Art Unit	2814
				Examiner Name	Unassigned
Sheet	5	of	6	Attorney Docket Number	5802P018X

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	02/14/03
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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				Examiner Name	Unassigned
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Sheet	6	of	6		

[illegible]

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					First Named Inventor	Richard A. Metzler
					Group Art Unit	2813
					Examiner Name	Yennhu B. Huynh
					Attorney Docket Number	5802P018X

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
YB		K. JANO, M. MITSUI, J. MORITA, M. KASUGA & A. SHIMIZU; Application of a Junction Field Effect Transistor Structure to a Low Loss Diode; Jpn. j. Appl. Phys. Vol. 36, pp. 1487-1493; 1997	

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